CLAIMS

Amend the claims as follows.

1. (Currently Amended) An FM transmitter, comprising:

a processor configured to ~~select~~ identify text data providing ancillary information descriptive of an audio signal responsive to receiving a data type, to convert the selected text data into digitally encoded speech, and to encode the audio signal and the digitally encoded speech according to an FM standard into an FM digital signal responsive to receiving a transmission mode;

a converter configured to convert the FM digital signal into an analog FM signal; and

a transmitter configured to transmit the analog FM signal;

wherein the data type is configured to identify a type of ancillary information that is descriptive of the audio signal; and

wherein the transmission mode is configured to identify a mode in which to encode the audio signal and the digitally encoded speech such that the digitally encoded speech is annunciated after decoding responsive to the transmission mode.

2.-3. (Canceled)

4. (Previously Presented) The FM transmitter of claim 1, further comprising a band-pass filter configured to filter the analog FM signal to exclude signal components outside of a range of frequencies according to an RDS standard.

5. (Canceled)

6. (Previously Presented) The FM transmitter of claim 1, wherein the processor includes a signal combiner configured to time-division multiplex the digitally encoded speech and the audio signal to generate the FM digital signal responsive to the transmission mode.

7. (Previously Presented) The FM transmitter of claim 6, wherein the processor includes code to control the processor to convert the selected text data into the digitally encoded speech.

8. (Previously Presented) The FM transmitter of claim 1, wherein:

the processor is configured to receive a digital audio signal as the audio signal; and

the processor includes a signal combiner configured to time-division multiplex the digital audio signal and the digitally encoded speech to generate the FM digital signal responsive to the transmission mode.

9. (Previously Presented) The FM transmitter of claim 1, wherein:

an auxiliary audio device is configured to generate the audio signal; and

the processor is a control processor of the auxiliary audio device.

10. (Previously Presented) The FM transmitter of claim 9, wherein the auxiliary audio device includes a device selected from a group consisting of a CD player, a CD-MP3 player, a universal satellite receiver, and a digital audio broadcast receiver.

11. (Previously Presented) The FM transmitter of claim 10, further comprising a wireless remote control receiver coupled to the auxiliary audio device, wherein the wireless remote control receiver is configured to receive commands to control the auxiliary audio device and to receive commands to select text data to be transmitted in the FM signal.

12. (Previously Presented) The FM transmitter of claim 1, further comprising:

a housing physically distinct from the auxiliary audio device and to which the processor, the converter, and the transmitter are mounted, wherein the housing includes:

an audio input configured to receive the audio signal from an auxiliary audio device; and

a data input configured to receive the text data from the auxiliary audio device.

13. (Previously Presented) A transceiver, comprising:

a radio data system (RDS) modulator configured to generate a modulated text data signal modulated as digital RDS signal using a digitized 57kHz subcarrier in response to receiving text data configured to provide ancillary information descriptive of an audio signal and in response to receiving a data type;

a frequency modulation (FM) encoder configured to generate an FM encoded audio signal in response to the audio signal;

a signal combiner configured to combine the modulated text data signal and the FM encoded audio signal into a combined signal in response to a transmission mode; and

an FM transmitter configured to transmit the combined signal;

wherein the data type is configured to identify a type of ancillary information that is descriptive of the audio signal; and

wherein the transmission mode is configured to identify a mode in which to combine the audio signal and the modulated text data signal.

14. (Previously Presented) The transceiver of claim 13, further comprising a satellite audio receiver, wherein at least one of the RDS modulator, the FM encoder, or the signal combiner are implemented in the satellite audio receiver.

15. (Previously Presented) The transceiver of claim 13, further comprising:

a converter configured to convert the digital RDS signal into an analog RDS signal and wherein the signal combiner is configured to sum the analog RDS signal and the FM encoded audio signal into a combined FM analog audio signal.

16. (Previously Presented) The transceiver of claim 13, wherein the FM encoder is configured to generate an FM encoded digitized audio signal and further including a converter configured to convert the combined digital RDS signal and the FM encoded digitized audio signal into a combined FM analog audio signal.

17. (Previously Presented) The transceiver of claim 14, further comprising a housing configured to mount an audio receiver and at least one of the RDS modulator, the FM encoder, the signal combiner, or the FM transmitter.

18. (Canceled)

19. (Previously Presented) A handheld audio player, comprising:

a storage device;

a processor configured to receive an audio signal, to select text data providing ancillary information descriptive of the audio signal from the storage device responsive to receiving a data type indication, to generate from the selected text data a modulated text data signal including speech encoding of the text data, to combine the modulated text data and the audio signal into a combined audio signal responsive to a transmission mode indication, and to convert the combined audio signal into an FM signal; and

a frequency modulation (FM) transmitter configured to transmit the FM signal;

wherein the data type is configured to identify a type of ancillary information that is descriptive of the audio signal; and

wherein the transmission mode is configured to identify a mode in which to combine the modulated text data and the audio signal such that the speech encoding of the text data is annunciated after decoding the FM signal responsive to the transmission mode indication.

20.-21. (Canceled)

22. (Previously Presented) The handheld audio player of claim 19, wherein the handheld audio player includes at least one of a compact disc (CD) player, a flash player, an MP3 player, or a hard disk drive (HDD) jukebox.

23. (Previously Presented) The handheld audio player of claim 19,

wherein the processor is configured to convert the text data into digitally encoded speech and to combine the digitally encoded speech and the audio signal into a combined digital audio signal responsive to the transmission mode indication;

wherein a converter is configured to convert the combined digital audio signal into a combined analog audio signal; and

wherein the FM transmitter is configured to transmit the combined analog audio signal.

24. (Previously Presented) The handheld audio player of claim 23, wherein the processor includes a signal combiner configured to time-division multiplex the digitally encoded speech and the audio signal to generate to combined digital audio signal responsive to the transmission mode indication.

25. (Previously Presented) The transceiver of claim 14, wherein the FM transmitter is tunable for retransmission of the broadcast transmission received by the satellite audio receiver to an available channel of an RDS-capable preinstalled FM stereo car receiver.

26. (Previously Presented) The transceiver of claim 13, wherein the RDS modulator is configured to receive an external audio transmission from a consumer electronic device providing the audio signal in analog audio format.

27. (Previously Presented) The transceiver of claim 13, wherein the RDS modulator is configured to receive an external audio transmission from a universal satellite receiver providing the audio signal in stereo audio format.

28. (Canceled)

29. (Previously Presented) The transceiver of claim 13, wherein the FM transmitter is configured for low-power, short-range broadcast.

30. (Previously Presented) The transceiver of claim 13, further comprising a user control enabling different items from the text data to be selected for transmission to vary the display of an external RDS-capable receiver.

31. (Previously Presented) The FM transmitter of claim 1, wherein the data type includes titles.

32. (Previously Presented) The FM transmitter of claim 1,

wherein the audio signal includes music tracks; and

wherein the transmission mode includes a table of contents mode configured to indicate encoding the selected text data as an audio table of contents preceding the audio signal, before mode configured to indicate encoding at least a portion of the selected text data before each track of the audio signal to which the at least the portion of the selected text data is associated, or after mode configured to indicate encoding the at least the portion of the selected text data after each track of the audio signal to which the at least the portion of the selected text data is associated.